

DETERMINATION AND FINDINGS FOR SOLE SOURCE CONTRACT

CONTRACT NO.: DCRL-2019-R-00035
CAPTION: Child Maltreatment Prevention Solutions
PROPOSED CONTRACTOR: Predict Align Prevent (PAP)

FINDINGS

1. AUTHORIZATION:

D.C. Official Code §2-354.04, 27 DCMR 1304, 1700 and 1701.

2. MINIMUM NEED:

The Government of the District of Columbia, Child and Family Services Agency (CFSA), is seeking to utilize the services of Predict, Align, Prevent (PAP), to develop a child maltreatment prevention solution using place-based predictive analytics.

3. ESTIMATED REASONABLE PRICE:

\$250,000.00

4. FACTORS WHICH JUSTIFY SOLE SOURCE PROCUREMENT:

PAP has developed a three prong approach to the child maltreatment prevention. They are: Predict, Align and Prevent. During the Predict phase, the system is able to pinpoint the discrete geographic location where the risk of future child maltreatment is. During the Align phase, the system is able to identify prevention efforts such as neighborhood health and safety measures and create a strategic plan to coordinate prevention efforts. During the Prevent phase, the system is able to execute specific prevention strategies.

The American Public Human Services Association and the MITRE Corporation conducted an analysis for the U.S. Department of Health and Human Services. This analysis identified the need to conduct analytics to develop predictive modeling. Their findings pointed to more government agencies needing to conduct this type of work. According to their categorization of information analyzed, the focus of most agencies is in: 1. Estimating elevated risk during or following preventive services, evaluating future high risk of maltreatment, serious injury, or a child fatality. 2. Forecasting the likelihood of repeated events. 3. Analyzing cross-system interactions. 4. Providing insight into agency operations. This final category includes efforts to help organizations use predictive analytics to look at their own activities, such as evaluating caseworker turnover or trends in the quantity of incoming cases.

The American Enterprise Institute (AEI) held a panel discussion on predictive analysis in child welfare. This panel discussion included the following companies:

Eckered
PC&G
Mindshare Technology

CFSA's market research revealed the following:

Eckerd and PC&G are service delivery organizations. Specifically, Eckered is a national provider of social services. They use data and their Eckered Rapid Safety Feedback to improve their service delivery focused on risk determinations. Mindshare Technology provides preventive analytics software. Their product provides automated alerting when objectives are projected to fall below required measures and case workers are provided a daily view of their case load with alerts, warnings and general information about individual youths that may require increased oversight.

In addition, CFSA's market survey found three additional companies:

SAS Software
Clearview Business
Xantura Platform

SAS Software: Provides an approach known as Approach to Understanding Risk Assessment (AURA). This product can be used to develop preventive models. CFSA does use SAS software for the purposes of statistical analysis but the product does not meet the preventive service planning needs of the agency. The difference between buying SAS software and services, vs. PAP's product is that SAS does not have a pre-developed model for child abuse prevention service delivery. SAS will not be able to lead CFSA in the use of the model, but would support CFSA in designing and implementing a model that would not have the benefit of results from other states.

Xantura and Clearview Business, are both based in the United Kingdom. Xantura provides a cloud-based platform that is based on their work with public sector agencies in the UK. Their focus is in identifying risks, not extending to geographic delivery of preventive services. Clearview Business, provides data analytics tool similar to Tableau/BIST platform currently in use at CFSA. Their product is not a model that is built based on human services.

The market survey revealed that the other products or services available do not meet CFSA's specific needs, which is to create a geographically focused prevention service. PAP is the only company that combines location based predictive analytics with service/asset mapping to right-focus funds and services. PAP has already developed such models nationwide and will migrate their already developed model for CFSA.

5. CERTIFICATION BY AGENCY HEAD:

I hereby certify that the above findings are true, correct and complete to the best of my knowledge.

Date

Brenda Donald
Director

6. CERTIFICATION BY CONTRACTING OFFICER

I have reviewed the above findings and certify that they are sufficient to justify the use of the sole source method of procurement under the cited authority. I certify that the notice of intent to award a sole source contract was published in accordance with 27 DCMR 1304 and that no response was received.

Date

Tara Sigamoni
Agency Chief Contracting Officer

DETERMINATION

Based on the above findings and in accordance with the cited authority, I hereby determine that it is not feasible or practical to invoke the competitive bidding process under either Section 402 or 403 of the District of Columbia Procurement Practice Reform Act of 2010 (D.C. Law 18-371; D.C. Official Code §2-354.02 or 2-354.03). Accordingly, I determine that the District is justified in using the sole source method of procurement.

Date

Tara Sigamoni
Agency Chief Contracting Officer